

SEQUENCE LISTING

(1) GENERAL INFORMATION:

5 (i) APPLICANT:  
NAME: ARCH DEVELOPMENT CORPORATION  
STREET: 1101 East 58th Street  
CITY: Chicago  
10 STATE: Illinois  
COUNTRY: United States of America  
POSTAL CODE: 60637  
TELEPHONE NO: (312) 702-1692  
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15 (ii) INVENTOR: Drmanac, Radoje

(iii) TITLE OF INVENTION: Methods and Compositions for  
Efficient Nucleic Acid  
20 Sequencing

(iv) NUMBER OF SEQUENCES: 10

(v) CORRESPONDENCE ADDRESS:  
25 (A) ADDRESSEE: Arnold, White & Durkee  
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(C) CITY: Houston  
(D) STATE: TX  
(E) COUNTRY: USA  
30 (F) ZIP: 77210-4433

(vi) COMPUTER READABLE FORM:  
(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
35 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Ver. #1.25

(vii) CURRENT APPLICATION DATA:  
(A) APPLICATION NUMBER: FILING HEREWITH  
40 (B) FILING DATE: FILING HEREWITH  
(C) CLASSIFICATION:

(viii) PRIOR APPLICATIONS DATA:  
(A) APPLICATION NUMBER: USSN 08/303,058  
45 (B) FILING DATE: 08 SEPTEMBER 1994 (08.09.94)  
(C) CLASSIFICATION: UNKNOWN

(A) APPLICATION NUMBER: USSN 08/127,420  
(B) FILING DATE: 27 SEPTEMBER 1993 (27.09.93)  
50 (C) CLASSIFICATION: UNKNOWN

(ix) ATTORNEY/AGENT INFORMATION:  
(A) NAME: Parker, David L.  
(B) REGISTRATION NUMBER: 32,165  
55 (C) REFERENCE/DOCKET NUMBER: ARCD146P--\PAR

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- (x) TELECOMMUNICATION INFORMATION:  
(A) TELEPHONE: (512) 418-3000  
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(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 12 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

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- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

AAAAAATTTT TT

12

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(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 13 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

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- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AAAAAATTTT TTC

13

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(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 12 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

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- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

AAAAATTTT TA

12

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(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 12 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single

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(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

5 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AAAAATTTTT TT

12

10 (2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

15 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

20 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

AAAAATTTTT TC

12

25 (2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

30 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

35 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

AAAAATTTTT TG

12

40 (2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

45 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

TAAAAATTTTT TT

12

55 (2) INFORMATION FOR SEQ ID NO:8:

205020-020502

- (i) SEQUENCE CHARACTERISTICS:  
    (A) LENGTH: 12 base pairs  
    (B) TYPE: nucleic acid  
    (C) STRANDEDNESS: single  
    (D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

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CAAAAATTTT TT

12

(2) INFORMATION FOR SEQ ID NO:9:

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- (i) SEQUENCE CHARACTERISTICS:  
    (A) LENGTH: 12 base pairs  
    (B) TYPE: nucleic acid  
    (C) STRANDEDNESS: single  
    (D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

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GAAAAATTTT TT

12

(2) INFORMATION FOR SEQ ID NO:10:

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- (i) SEQUENCE CHARACTERISTICS:  
    (A) LENGTH: 11 base pairs  
    (B) TYPE: nucleic acid  
    (C) STRANDEDNESS: single  
    (D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

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AAAAAATTTT T

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205020" T0E8900T